



ANADARKO PETROLEUM CORPORATION  
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# **Greater Natural Buttes Interim Reclamation**

Earth Day Presentation

May 8, 2012

# Overview



## Why is Interim Reclamation Important to GNB?

- Interim Reclamation Overview
- Example Pads
- Statistics



# Interim Reclamation Overview



## Long Term Disturbance

- *Needed for life of the producing well*



## Short Term Disturbance

- *Interim reclamation area*





# Interim Reclamation Overview



## Traditional GNB Interim Reclamation

- Backfill pit
- Redistribute topsoil on pit, leave un-used topsoil in a pile adjacent to location
- Seed pit



# Interim Reclamation Overview



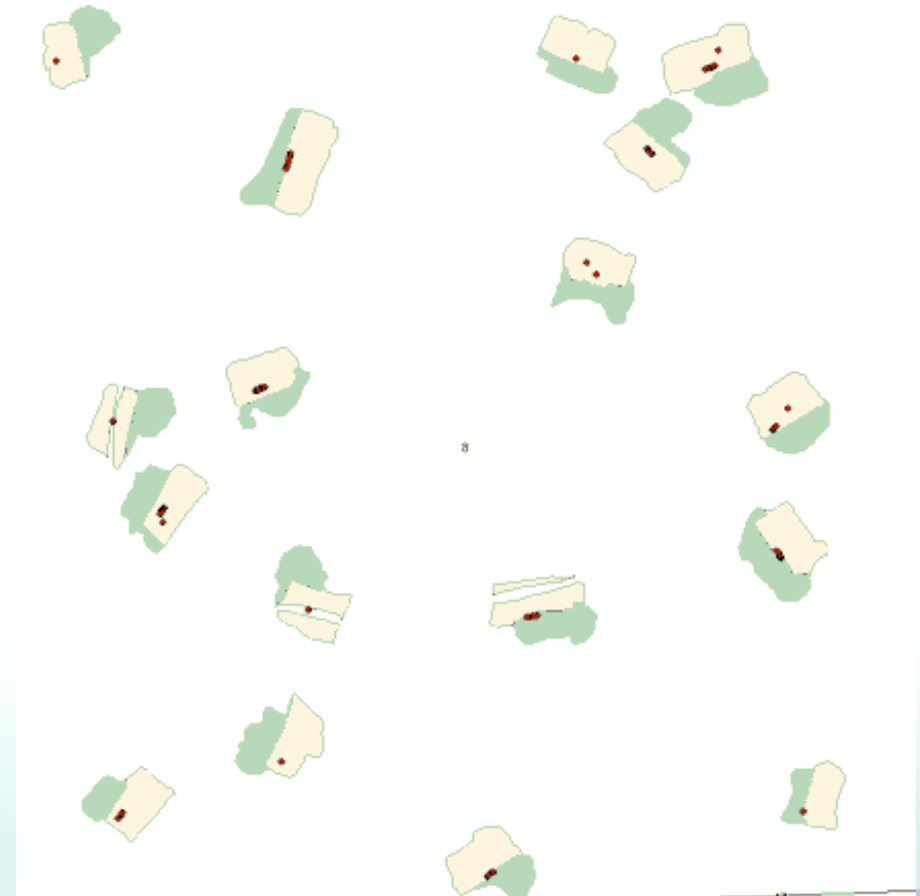


# Interim Reclamation Overview



## Issues With Traditional GNB Interim Reclamation

- Small amount of reclaimed acreage per site
  - .75-1.8 acres reclaimed per location
  - 1.5-3.5 acres long term disturbance
  - Total disturbance associated with well pads in GNB: 5787 Acres
    - Interim Reclamation: 2407 Acres
    - Long Term Disturbance: 3380 Acres
    - 140% More long term disturbance

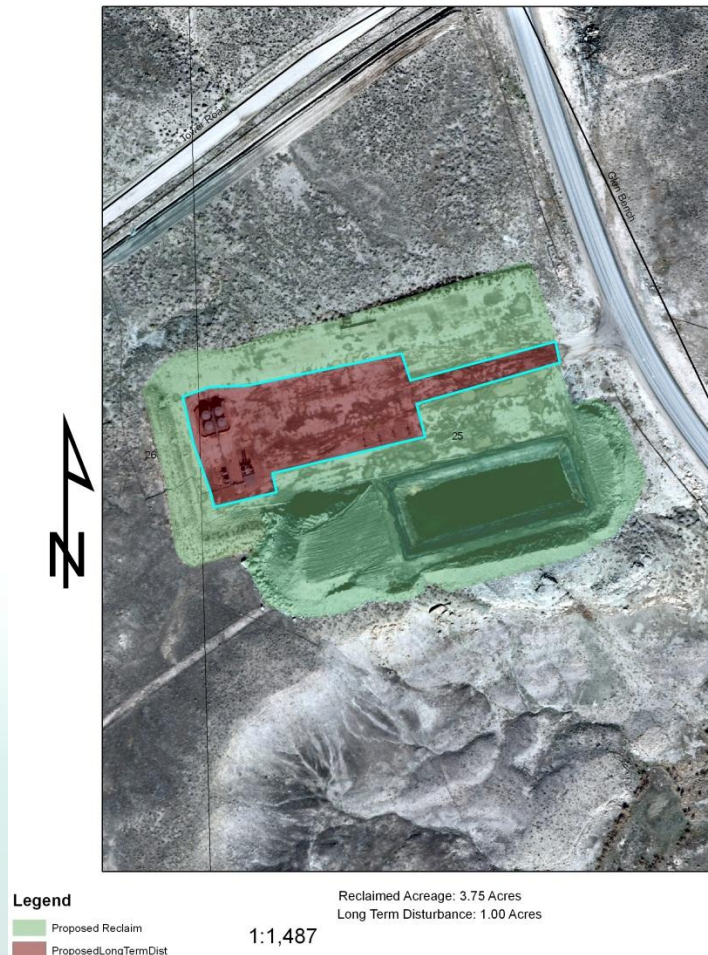


# Changes in GNB Interim Reclamation



NBU 921-25L PAD PULLBACK

## Interim Reclamation Design



# Changes in GNB Interim Reclamation



## Example Locations

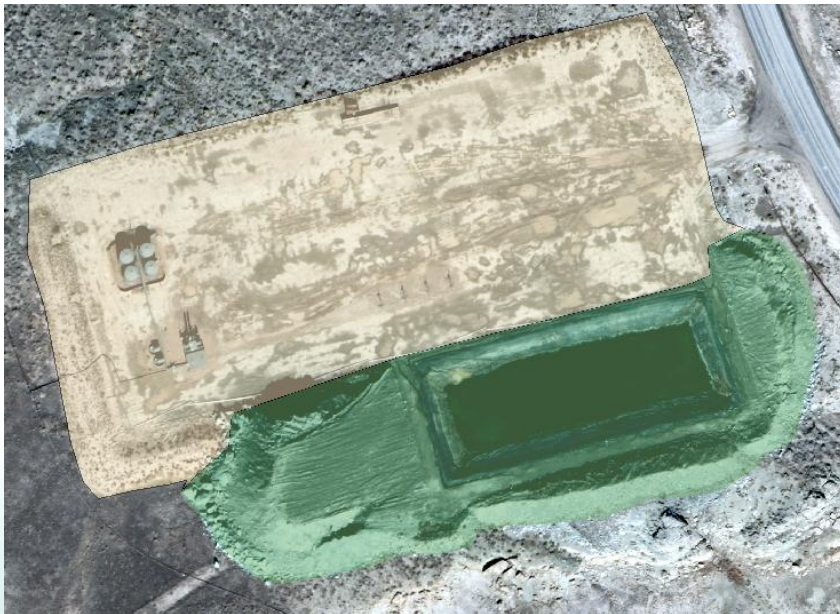
- NBU 921-25L Pad
  - *First location to be “pulled back” 4/12/11*
    - Traditional Reclamation
      - 3.0 Acres Long Term Disturbance
      - 1.8 Acres Reclaimed
    - Aggressive Interim Reclamation (Actual)
      - .97 Acres Long Term Disturbance
      - 3.9 Acres Reclaimed



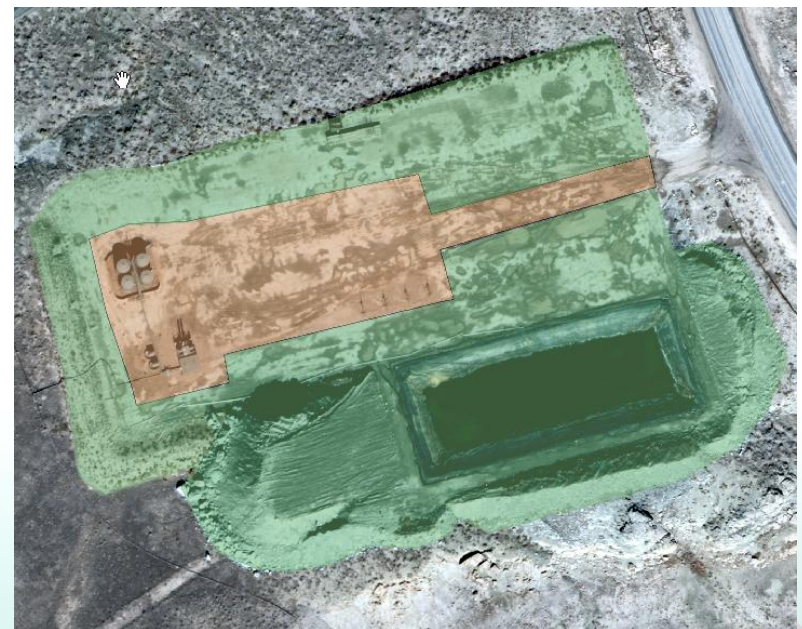
# Changes in GNB Interim Reclamation



NBU 921-25L Traditional



NBU 921-25L Aggressive





# Changes in GNB Interim Reclamation





# Changes in GNB Interim Reclamation





# Changes in GNB Interim Reclamation



# Changes in GNB Interim Reclamation



## Example Pads

- Bonanza 1023-6L
  - Traditional Reclamation
    - 2.7 Acres Long Term Disturbance
    - 1.8 Acres Reclaimed
  - Aggressive Interim Reclamation (Actual)
    - 1.05 Acres Long Term Disturbance
    - 3.45 Acres Reclaimed



# Changes in GNB Interim Reclamation





# Changes in GNB Interim Reclamation



# Changes in GNB Interim Reclamation



## Interim Reclamation Statistics: SITLA Surface 2011:

- 39 aggressively reclaimed locations on SITLA surface
- 150 total acres reclaimed, or 3.85 acres per location
- Previously this would have accounted for 70.2 acres of reclamation, or 1.8 acres per location



# Questions?

